

SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 C.F.R. § 1.98(b)) .	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	00786/405004
		Serial No.	10/577,891
		Applicant	Faustman
		Filing Date	December 14, 2006
		Group	1644
		IDS Filed	April 23, 2009

U.S. PATENT DOCUMENTS			
Examiner's Initials	Document Number	Publication Date	Patentee or Applicant
	5,370,870	12/06/1994	Wong
	5,919,452	07/06/1999	Le et al.
	6,159,461	12/12/2000	Besmer et al.
	6,165,737	12/26/2000	Wang et al.

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION				
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Translation (Yes/No)

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)	
	Aranda et al., "Analysis of Intestinal Lymphocytes in Mouse Colitis Mediated by Transfer of CD4 ⁺ , CD45RB ^{high} T Cells To SCID Recipients," <i>The Journal of Immunology</i> 158:3464-3473 (1997).
	Bill and Kotzin, "Use of Soluble MHC Class II/Peptide Multimers to Detect Antigen-Specific T Cells in Human Disease," <i>Arthritis Research & Therapy</i> 4:261-265 (2002).
	Boches and Goldberg, "Role for the Adenosine Triphosphate-Dependent Proteolytic Pathway in Reticulocyte Maturation," <i>Science</i> 215:978-980 (1982).
	Caetano et al., "Effect of Methotrexate (MTX) on NAD(P) ⁺ Dehydrogenases of HeLa Cells: Malic Enzyme, 2-Oxoglutarate and Isocitrate Dehydrogenases," <i>Cell Biochemistry and Function</i> 15:259-264 (1997).
	Couzin, "Diabetes Studies Conflict on Power of Spleen Cells," <i>Science</i> 311:1694 (2006).
	Darzynkiewicz et al., "Use of Flow and Laser Scanning Cytometry to Study Mechanisms Regulating Cell Cycle and Controlling Cell Death," <i>Clinics in Laboratory Medicine</i> 21:857-873 (2001).
	Dinarelli, "Interleukin-1, Interleukin-1 Receptors and Interleukin-1 Receptor Antagonist," <i>International Reviews on Immunology</i> 16:457-499 (1998).

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	Fischer et al., "An Improved Flow Cytometric Assay for the Determination of Cytotoxic T Lymphocyte Activity," <i>Journal of Immunological Methods</i> 259:159-169 (2002).
	Fukada et al., "Two Signals are Necessary for Cell Proliferation Induced by a Cytokine Receptor gp130: Involvement of STAT3 in Anti-Apoptosis," <i>Immunity</i> 5:449-460 (1996).
	Genestier et al., "Immunosuppressive Properties of Methotrexate: Apoptosis and Clonal Deletion of Activated Peripheral T Cells," <i>The Journal of Clinical Investigation</i> 102:322-328 (1998).
	Gerich et al., "Advances in Diabetes for the Millennium: Understanding Insulin Resistance," <i>Medscape General Medicine</i> 6:1-9 (2004).
	Goldberg, "The Mechanism and Functions of ATP-Dependent Proteases in Bacterial and Animal Cells," <i>European Journal of Biochemistry</i> 203:9-23 (1992).
	Gottlieb et al., "Cell Acidification in Apoptosis: Granulocyte Colony-Stimulating Factor Delays Programmed Cell Death in Neutrophils by Up-Regulating the Vacuolar H ⁺ -ATPase," <i>The Proceedings of the National Academy of Sciences</i> 92:5965-5968 (1995).
	Grewal et al., "Local Expression of Transgene Encoded TNF α in Islets Prevents Autoimmune Diabetes in Nonobese Diabetic (NOD) Mice By Preventing the Development of Auto-Reactive Islet-Specific T Cells," <i>The Journal of Experimental Medicine</i> 184:1963-1974 (1996).
	Grilli et al., "Neuroprotection by Aspirin and Sodium Salicylate Through Blockade of NF- κ B Activation," <i>Science</i> 274:1383-1385 (1996).
	Hershko et al., "The Ubiquitin System for Protein Degradation," <i>Annual Review of Biochemistry</i> 61:761-807 (1992).
	Koarada et al., "B Cells Lacking RP105, A Novel B Cell Antigen, in Systemic Lupus Erythematosus," <i>Arthritis & Rheumatism</i> 42:2593-2600 (1999).
	Laakko et al., "Versatility of Merocyanine 540 for the Flow Cytometric Detection of Apoptosis in Human and Murine Cells," <i>Journal of Immunological Methods</i> 261:129-139 (2002).
	Lewis et al., "Integrins Regulate the Apoptotic Response to DNA Damage Through Modulation of p53," <i>Proceeding of the National Academy of Sciences</i> 99:3627-3632 (2002).
	Mak et al., "Signaling for Survival and Apoptosis in the Immune System," <i>Arthritis Research & Therapy</i> 4:S243-S252 (2002).
	McGuire et al., "An Enzyme Related to the High Molecular Weight Multicatalytic Proteinase, Macropain, Participates in a Ubiquitin-Mediated, ATP-Stimulated Proteolytic Pathway in Soluble Extracts of BHK 21/C13 Fibroblasts," <i>Biochimica et Biophysica Acta</i> 967:195-203 (1986).

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	Orlowski, "The Multicatalytic Proteinase Complex, a Major Extralysosomal Proteolytic System," <i>Biochemistry</i> 29:10289-10297 (1990).
	Prieto et al., "Apoptotic Rate: A New Indicator for the Quantification of the Incidence of Apoptosis in Cell Cultures," <i>Cytometry</i> 48:185-193 (2002).
	Raab and Gmeiner, "In Vitro Evaluation of Methotrexate and Azathioprine for Antipsoriatic Activity," <i>Archives of Dermatological Research</i> 253:77-84 (1975).
	Rajagopalan et al., "Pathogenic Anti-DNA Autoantibody-Inducing T Helper Cell Lines from Patients with Active Lupus Nephritis: Isolation of CD4 ⁺ 8 ⁺ T Helper Cell Lines that Express the $\gamma\delta$ T-Cell Antigen Receptor," <i>Proceeding of the National Academy of Sciences</i> 87:7020-7024 (1990).
	Rechsteiner, "Ubiquitin-Mediated Pathways for Intracellular Proteolysis," <i>Annual Review of Cell and Developmental Biology</i> 3:1-30 (1987).
	Schuppan, "Current Concepts of Celiac Disease Pathogenesis," <i>Gastroenterology</i> , 119:234-242 (2000).
	Sun et al., "MHC Class I Multimers," <i>Arthritis Research & Therapy</i> 9:265-269 (2001).
	The Merck Manual of Diagnosis and Therapy, Beers and Berkow, Eds., Published by Merck Research Laboratories, 17 th Ed., 165-171 (1999).
	Xu et al., "MHC/Peptide Tetramer-Based Studies of T Cell Function," <i>Journal of Immunological Methods</i> 268:21-28 (2002).
	Transmittal of the International Search Report and Written Opinion of PCT/US2004/037998 mailed February 28, 2006.

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